



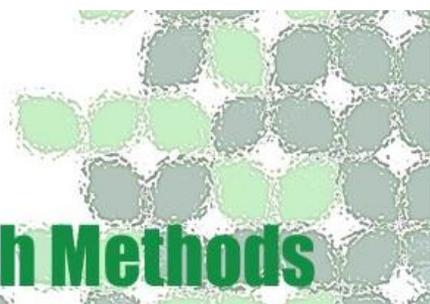
PKM Educational Trust®

R. R. Institute of Technology

Chikkabanavara, Bengaluru - 560090

Internal Quality Assurance Cell (IQAC)

A Complete Report on



**Quality
Improvement
Programme on Research Methods**

Overview and Significance

Research is part of life and it is an ocean of knowledge for many scientists. From initiation of a research idea to the ultimate culmination in publication there are many segments; initiation of a research idea, thorough literature search, formulation of a research question, proper study design, possible source of funding, conduction of research, analysis of data obtained, proper interpretation of results and publication in a peer-reviewed journal.

For those who are involved in conduction of research, it is mandatory that they perform the research well. They are also expected to publish it later in a peer-reviewed journal so that the research can be presented to the world without any ambiguity. Those who are not involved in conducting research themselves, are the end users of the fruit of such tedious efforts and should at least be able to differentiate between good and bad science.

The programme is aimed to enrich young research to know the best and efficient methods of research methodologies, formulation of research problems, citations and recent trends in research.

Brief about Programme

The function started as planned, Guests and Management assembled at venue and graced the occasion. Already registered participants only were entertained. In total we had 58 registrations and 32 could make it to the occasion.

Schedule followed

1. Assemble
2. Invocation Song
3. Welcome Address
4. Watering Samplings
5. Significance & Introduction of Guest
6. Session 1 - Dr M S Bhagyashekar, Principal, RRIT
7. Session 2 - Dr K Venkatesh, Prof and Head, Physics
8. Session 3 - Prof Maya Salimath G, Director, IQAC
9. Feedback from Participants
10. Vote of Thanks

Session -1:

“Formulation of Significance & Research Problem” by Dr M S Bhagyshekar

First session was an eye opener for the research students as how to define problem and how to start the analysis. Speaker gave an insight on how to see the problem and how to frame limitations. He gave an extensive talk on the ways of doing research survey and tabulating it. He took a case study to show, how this works. Sessions was very interactive and informative

Session -2:

“Concept of Citation & H Index” by Dr K Venkatesh

Second session was on what is citation, use of it and how to do it. Speaker told about present citation trends and compared with lower citations to citations of noble lariats. He also gave an extensive explanation of H Index and i10 Index. He showed who the H Index is calculated and how to reach to better rate in H Index. He also addressed the i10 Index importance and how to improve the same. He took a case study and explained the google scholar ratings.

Session -3:

“Research and Publication Trends” by Prof Maya Salimath G

Last and concluding session was summary of the resent research trends, the direction in which present day research is aimed at, and where we are lagging. The speaker gave various charts and graphs to explain the global research trends and compared to the Institutional research standards. The speaker also spoke about how to improve research standards from Institution level to the Global level. The session concluded with a proactive thought of continuation the research for the goodness of mankind.

Moments of the day



Start of the Function



Invocation Song



Welcome Address



Watering the Samplings by Attendees



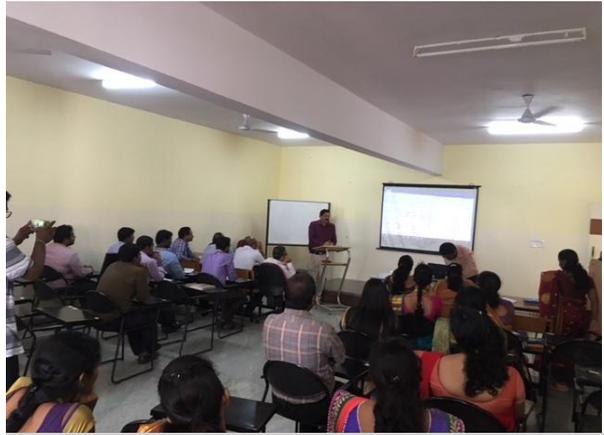
Watering the Samplings by Professors



Attendees



Session -1



Session -1



Session -2



Session -2



Session -3



Session -3



Audience

Session -3



Audience

Session -3

Conclusion

In conclusion, the event was initiative to nurture young researcher to pursue their research work.

Acknowledgement

Team IQAC wish to thank Shri Y Raja Reddy, Chairman, PKMET, Sri Kiran HR, Secretary, PKMET, Sri Arun H R, Director, PKMET, Sri Ramakrishna Reddy, CEO and Dr. M. S. Bhagyashekar, Principal, RRIT for their support in organizing the event.